

PRODUCT INFORMATION

Clone ID	DMC683
Target	TENM4
Synonyms	Doc4; ETM5; ODZ4; ten-4; Ten-M4; TEN4; TNM4
Host Species	Rabbit
Description	Anti-TENM4 antibody(DMC683); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q6N022
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene plays a role in establishing proper neuronal connectivity during development. Defects in this gene have been associated with hereditary essential tremor-5. [provided by RefSeq; Oct 2016]
Usage	Research use only



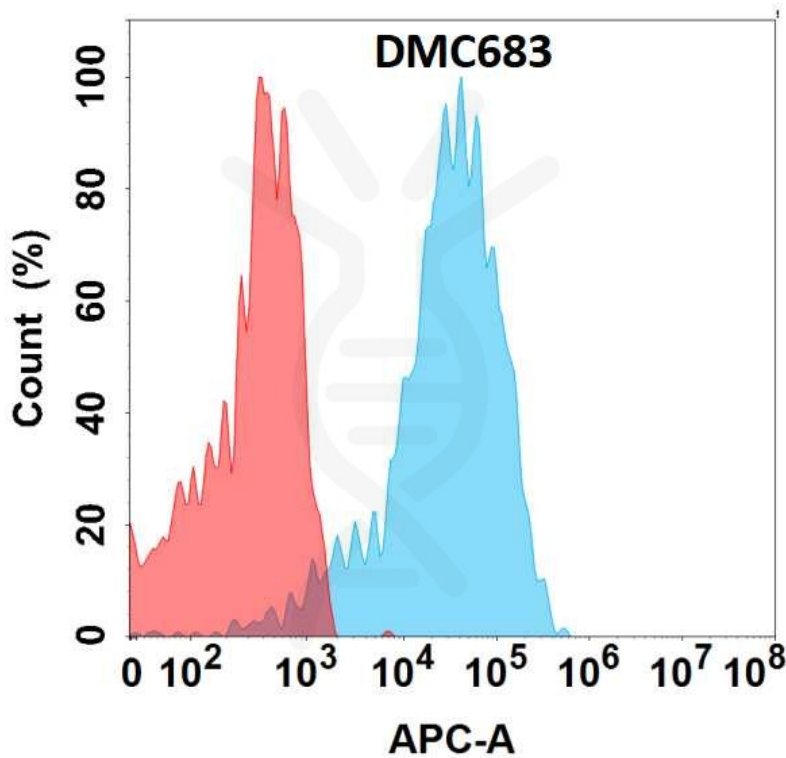


Figure 1. Flow cytometry analysis with Anti-TENM4(DMC683) on Expi293 cells transfected with human TENM4(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

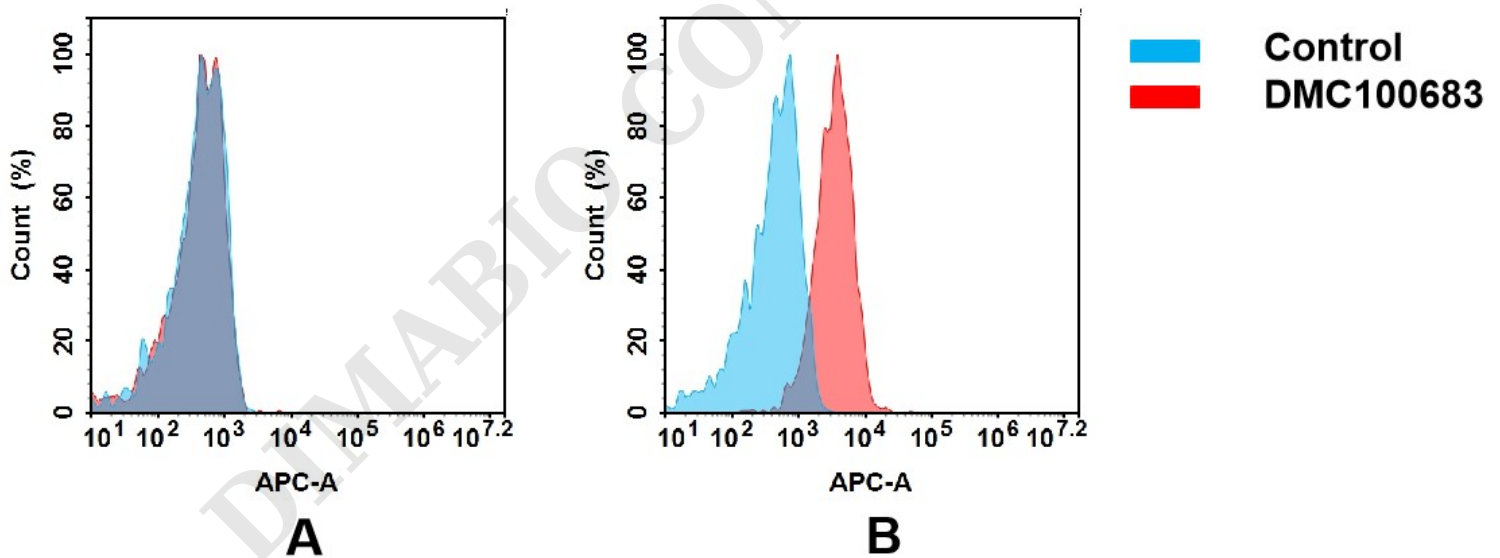


Figure 2. Flow cytometry analysis of antigen binding of anti-human TENM4 mAb(DMC100683).

(A) DMC100683 does not bind to CHO-S cells that do not express TENM4.

(B) A clear peak shift of DMC100683 was seen compared to the control when incubated with TENM4-expressing TT cells, indicating strong binding of DMC100683 to TENM4. Antibodies were incubated at 5 µg/mL.

